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Substitute for form 1449A-B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/285,292
Filing Date	April 2, 1999
First Named Inventor	Daniel Pinkel
Group Art Unit	1642
Examiner Name	Harris, A.
Attorney Docket Number	407T-897900US

## U.S. PATENT DOCUMENTS

Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appeal
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## FOREIGN PATENT DOCUMENTS

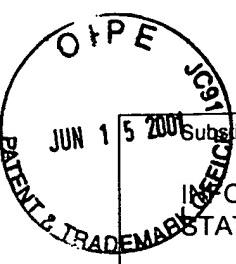
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## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

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Amh	AA	Anzick et al., "AIB1, a Steroid Receptor Coactivator Amplified in Breast and Ovarian Cancer" <i>Science</i> (1997) 277:965-968	
	AB	Arbour et al., "A Highly Sensitive Method for Large-Scale Measurements of 1,25-Dihydroxyvitamin D" <i>Anal. Biochem.</i> (1998) 255:148-154	
	AC	Berger et al., "Immunocytochemical Detection of 1,25-Dihydroxyvitamin D <sub>3</sub> Receptor in Breast Cancer" <i>Cancer Research</i> (1987) 47:6793-6799	
	AD	Buras et al., "Vitamin D receptors in breast cancer cells" <i>Breast Cancer Res. Treatment</i> (1994) 31:191-202	
	AE	Berns et al., "Oncogene amplification and prognosis in breast cancer: relationship with systemic treatment" <i>Gene</i> (1995) 11-18	
	AF	Borg et al., "ERBB2 amplification in breast cancer with a high rate of proliferation" <i>Oncogene</i> (1991) 6:137-143	
	AG	Borg et al., "c-myc AMPLIFICATION IS AN INDEPENDENT PROGNOSTIC FACTOR IN POSTMENOPAUSAL BREAST CANCER" <i>Int. J. Cancer</i> (1992) 51:687-691	
	AH	Brinkmann et al., "The Human CAS (Cellular Apoptosis Susceptibility) Gene Mapping on Chromosome 20q13 Is Amplified in BT474 Breast Cancer Cells and Part of Aberrant Chromosomes in Breast and Colon Cancer Cell Lines" <i>Genome Res.</i> (1996) 6:187-194	

Examiner Signature	<i>M. Harris</i>	Date Considered	<i>4 December 2001</i>
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MM	AI	Collins et al., "Positional cloning of ZNF217 and NABC1: Genes amplified at 20q13.2 and overexpressed in breast carcinoma" <i>Proc. Natl. Acad. Sci. USA</i> (1998) 95:8703-8708					
	AJ	Colston et al., "Possible Role for Vitamin D. in Controlling Breast Cancer Cell Proliferation" <i>The Lancet</i> (1989) 188-191					
	AK	Courjal et al., "DNA amplifications at 20q13 and MDM2 define distinct subsets of evolved breast and ovarian tumors" <i>British Journal of Cancer</i> (1996) 74:1984-1989					
	AL	Eisman et al., "Suppression of <i>in Vivo</i> Growth of Human Cancer Solid Tumor Xenografts by 1,25-Dihydroxyvitamin D <sub>3</sub> <sup>1</sup> " <i>Cancer Res.</i> (1987) 47:21-25					
	AM	Elstner et al., "20-epi-Vitamin D <sub>3</sub> Analogues: A Novel Class of Potent Inhibitors of Proliferation and Inducers of Differentiation of Human Breast Cancer Cell Lines <sup>1</sup> " <i>Cancer Research</i> (1995) 55:2822-2830					
	AN	Garland et al., "Geographic Variation in Breast Cancer Mortality in the United States: A Hypothesis Involving Exposure to Solar Radiation" <i>Preventive Medicine</i> (1990) 19:614-622					
V	AO	Gaudray et al., "DNA amplification at 11q13 in human cancer: from complexity to perplexity" <i>Mutation Research</i> (1992) 276:317-328					
	AP	Gorham et al., "Acid Haze Air Pollution and Breast and Colon Cancer Mortality in 20 Canadian Cities" <i>Canadian Journal of Public Health</i> (1989) 80:96-100					

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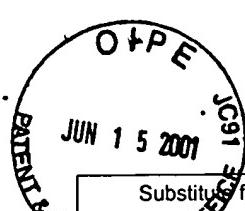
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<i>AMH</i>	AQ	Gorham et al., "Sunlight and Breast Cancer Incidence in the USSR" <i>International Journal of Epidemiology</i> (1990) 19:820-824					
	AR	Isola et al., "Genetic Aberrations Detected by Comparative Genomic Hybridization Predict Outcome in Node-Negative Breast Cancer" <i>American Journal of Pathology</i> (1995) 147:905-911					
	AS	Iwabuchi et al., "Genetic Analysis of Benign, Low-Grade, and High-Grade Ovarian Tumors <sup>1</sup> " <i>Cancer Research</i> (1995) 55:6172-6180					
	AT	Kallioniemi et al., "Detection and mapping of amplified DNA sequences in breast cancer by comparative genomic hybridization" <i>Proc. Natl. Acad. Sci.</i> (1994) 91:2156-2160					
	AU	Love-Schimenti et al., "Antiestrogen Potentiation of Antiproliferative Effects of Vitamin D <sub>3</sub> Analogues in Breast Cancer Cells <sup>1</sup> " <i>Cancer Research</i> (1996) 56:2789-2794					
	AV	Mohapatra et al., "Detection of Multiple Gains and Losses of Genetic Material in ten Glioma Cell Lines by Comparative Genomic Hybridization" <i>Genes, Chromosomes &amp; Cancer</i> (1995) 13-86-93					
	AW	Muleria et al., "Detection of DNA Amplification in 17 Primary Breast Carcinomas With Homogeneously Staining Regions by a Modified Comparative Genomic Hybridization Technique" <i>Genes, Chromosomes &amp; Cancer</i> (1994) 10:160-170					
<i>V</i>	AX	Reinhardt et al., "Ketoconazole Inhibits Self-Induced Metabolism of 1,25-Dihydroxyvitamin D <sub>3</sub> and Amplifies 1,25-Dihydroxyvitamin D <sub>3</sub> Receptor Up-Regulation in Rat Osteosarcoma Cells <sup>1</sup> " <i>Archives of Biochemistry and Biophysics</i> (1989) 272:459-465					
<i>V</i>	AY	Reznikoff et al., "Long-term genome stability and minimal genotypic and phenotypic alterations in HPV16 E7-, but not E6-, immortalized human uroepithelial cells" <i>Genes &amp; Development</i> (1994) 8:2227-2240					

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AMH	AZ	Salvelieva et al., "20q gain associates with immortalization: 20q13.2 amplification correlates with genome instability in human papillomavirus 16 E7 transformed human uroepithelial cells" <i>Oncogene</i> (1997) 14:551-560						
	BA	Schlegel et al., "Comparative Genomic <i>In Situ</i> Hybridization of Colon Carcinomas with Replication Error" <i>Cancer Research</i> (1995) 55:6002-6005						
	BB	Sen et al., "A putative serine/threonine kinase encoding gene BTAK on chromosome 20q13 is amplified and overexpressed in human breast cancer cell lines" <i>Oncogene</i> (1997) 14:2195-2200						
	BC	Simboli-Campbell et al., "Comparative effects of 1,25(OH) <sub>2</sub> D <sub>3</sub> and EB1089 on cell cycle kinetics and apoptosis in MCF-7 breast cancer cells" <i>Breast Cancer Research and Treatment</i> (1997) 42:31-41						
	BD	Solinas-Toldo et al., "Matrix-Based Comparative Genomic Hybridization: Biochips to Screen for Genomic Imbalances" <i>Genes, Chromosomes &amp; Cancer</i> (1997) 20:399-407						
	BE	Solinas-Toldo et al., "Specific chromosomal imbalances in human papillomavirus-transfected cells during progression toward immortality" <i>Proc. Natl. Acad. Sci.</i> (1997) 94:3854-3859						
	BF	Stokke et al., "A physical Map of Chromosome 20 established Using Fluorescence <i>In Situ</i> Hybridization and Digital Image Analysis" <i>Genomics</i> (1995) 26:134-137						
	BG	Tanner et al., "Increased Copy Number at 20q13 in Breast Cancer: Defining the Critical Region and Exclusion of Candidate Genes" <i>Cancer Research</i> 54:4257-4260						
	BH	Tanner et al., "Amplification of Chromosomal Region 20q13 in Invasive Breast Cancer: Prognostic Implications" <i>Clinical Cancer Research</i> (1995) 1:1455-1461						
	BI	Tanner et al., "Independent Amplification and Frequent Co-Amplification of Three Nonsyntenic Regions on the Long Arm of Chromosome 20 in Human Breast Cancer" <i>Cancer Research</i> (1996) 56:3441-3445						

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